

STAPHYLINIDAE (*COLEOPTERA*) FROM NEW GUINEA,
IN THE SOUTH AUSTRALIAN MUSEUM

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Most of the specimens here dealt with were taken by Mr. C. T. McNamara on Mount Lamington (near Buna Bay), at an elevation of from 1,300 to 1,500 feet: or at Wareo and Komba, in the Finsch Haven district, by the Rev. L. Wagner.

ELEUSTI.

ELEUSTIS DIVERSICOLLIS Fvl. Mount Lamington.

LEPTOCHIRI.

PRIOCHIRUS (*PLASTIS*) WAGNERI sp. nov.

Allied to *P. monilicornis* Fvl. and *inaequalis* Bernh., but much smaller than either of these species (6.3 mm.).

Depressed, black, shining, more depressed than *monilicornis*, the thorax flatter and more transverse, with straight, parallel sides, furnished with a row of six or seven punctures, separated from the margin by a narrow smooth space; armature of the head very similar to that of *monilicornis*, but the large outer teeth are longer internally, less triangular, more spigot-shaped and more everted, the median teeth are separated from each other by a small arcuate emargination and sulcus, the left is smaller than the right; the first antennal joint is not sulcate throughout, the fourth to tenth joints transverse; the elytra are longer than the thorax, and without longitudinal impression near the lateral margin behind; abdomen with a few punctures at the base of the segments; legs black, tarsi yellow; antennae pithy.

Finsch Haven (Rev. L. Wagner).

P. ALBERTISI Fvl. Komba, Mount Lamington, Wareo.

P. BECCARDI Fvl. Mount Lamington.

P. BIFURCATUS Fvl. Mount Lamington.

P. NOVAEBRITANIAE Bernh. Mount Lamington.

P. SAMOENSIS Blanch. Mount Lamington, Wareo.

P. SPINOSULUS Fvl. Mount Lamington.

BOROLINUS MINUTUS Cast. Beining district, New Britain.

LISPINI.

PARALISPINUS INCISUS Fvl. Mount Lamington.

LISPINUS WAGNERI sp. nov.

Moderately shining, black, the thorax sometimes reddish, elytra and apex of the abdomen yellowish-brown. Antennae and legs reddish-yellow. Length, 3 mm.

Very near *L. foveatus* Fvl., but differing in the following respects: A little narrower, the thorax less dilated in front, less abruptly narrowed behind, the disc without four quadrately placed punctures, a pair only being present, one at the apex of each median impression, the puncturation finer; elytra a little longer, yet more indistinctly punctured than in *foveatus*, and without the large puncture before the middle, but with one near the sutural margin in front and a smaller one near the sutural margin behind. The ground sculpture scarcely differs in the two species.

Finsch Haven (Rev. L. Wagner).

L. AEQUALIS Fvl. Mount Lamington.

L. CASTANEUS Fvl. Mount Lamington.

L. CURTICOLLIS Fvl. Mount Lamington.

L. FOVEATUS Fvl. Mount Lamington.

L. UNISTRIATUS Fvl. Finsch Haven.

OMALIINI.

PHLOEONOMUS (S.str.) PAPUANUS sp. nov.

Greasy-lustrous, the head and thorax reddish, elytra yellow, abdomen black, with reddish apex. Antennae and legs yellow. Length, 2 mm.

In size and build similar to *P. apicalis* Cam., but less shining, the antennae shorter and stouter, the penultimate joints much more transverse, entirely reddish-yellow, the elytra unicolourous, puncturation of the fore parts finer and closer, the thorax without trace of impressions.

Mount Lamington (C. T. McNamara).

P. CHLORIZANS Fvl. Mount Lamington.

OXYTELINI.

OXYTELUS ALBICEPS Fvl. Mount Lamington.

O. FALLAX Fvl. Finsch Haven.

O. THORACICUS (minor) Motsch. Mount Lamington.

OSORIUS CARINELLUS Fvl. Mount Lamington.

STENINI.

STENUS COELESTIS Fvl. Mount Lamington.

PROCIRRI.

PALAMINUS LIMBIFER Fvl. Mount Lamington.

P. NOVAEGUINEAE Fvl. Mount Lamington.

PAEDERINI.

PAEDERUS FEMORATUS sp. nov.

Shining: head, thorax, and elytra blue, abdomen black. Antennae with the first three and the last four joints yellow, the rest deep black. Palpi yellow, the third joint brownish. Anterior femora yellow, the extreme apex black, middle with the apical third, posterior with nearly the apical half, black; tibiae and tarsi black. Length, 13 mm.

Head a little broader than the thorax, suborbicular, the postocular region rounded and gradually retracted to the neck, the front bimpressed; puncturation rather fine, scattered, with erect, black setae. Antennae long and slender, the third joint much longer than the second, the following all much longer than broad, gradually decreasing in length. Thorax convex, ovate; with scattered punctures, coarser than on the head and with similar setae. Elytra a little shorter than the thorax, narrow at the base, and widened behind, moderately closely punctured, and with erect black setae. Abdomen longer than the fore parts, rather finely and not closely punctured, with fine, scanty pubescence and a few erect setae. Anal styles rather stout, black.

Finsch Haven (Rev. L. Wagner).

P. POLITUS Fvl. Mount Lamington.

ASTENUS MARGINALIS sp. nov.

Head, thorax, and abdomen ferruginous-red; the reflexed side margins of the thorax and the last two abdominal segments black; elytra yellow, the reflexed sides entirely, and adjacent part of the dorsal surface narrowly black. Antennae and legs pale yellow. Length, 4.75-5.50 mm.

In build resembling *A. castaneus* Cam., but with the anterior angles of the thorax completely effaced, and with coarser reticular sculpture. Antennae long and slender. Thorax at the sides with numerous long black setae. Elytra as long as, but a little broader than the thorax; with rather coarse, moderately close, asperate sculpture; the sides with long black setae. Abdomen elongate, rather finely, asperately, not closely punctured.

Mount Lamington (C. T. McNamara).

ASTENUS PAPUANUS sp. nov.

Head reddish-brown, thorax yellowish-red, on each side near the anterior angles with a small, obscure, brownish spot; elytra black, more shining, the posterior third yellow; abdomen with the first four segments red, the first and second more or less infuscate at the base, or reddish-brown, with the posterior margin lighter, the fifth entirely black, the sixth black, with the posterior border yellowish. Antennae yellow. Legs pale yellow. Length, 4 mm.

In size and build much resembling *A. bimaculatus* Er., but differently coloured, the eyes larger, temples shorter, anterior angles of the thorax less rounded, elytra broader, and antennae longer and more slender. The head and thorax have the usual umbilicate sculpture, the latter with four black setae on each side. Elytra closely and asperately punctured, without lateral setae. Abdomen with the first four segments closely and asperately punctured, the fifth much more finely and sparingly.

Mount Lamington (C. T. McNamara).

A. rictus Fvl. Mount Lamington.

MEDON PAPUANUS sp. nov.

Moderately shining, black, the elytra castaneous, more or less broadly infuscate on the disc; abdomen with the posterior margin of the last two segments yellow. Antennae and legs red. Length, 6.2 mm.

Build of *M. luctuosus* Fvl., but more robust and more shining, the elytra differently coloured, head larger, more coarsely sculptured, scarcely strigose; thorax much more coarsely sculptured, with broad, smooth, median line; elytra a little longer, much more coarsely punctured, abdomen much less finely and much less closely punctured. Head a little transverse, subquadrate, longer and a little broader than the thorax, eyes small, temples long, the posterior angles briefly rounded, the base deeply emarginate, the vertex with a small smooth space, elsewhere with umbilicate punctures, the interspaces narrow, with tendencies to coalesce longitudinally. Antennae moderate, the third to seventh joints longer than broad, gradually decreasing in length, the eighth to tenth moniliform. Thorax transverse, trapezoidal, smooth along the middle, elsewhere with close, umbilicate punctures. Elytra longer and a little broader than the thorax; closely and moderately coarsely punctured. Abdomen moderately finely and moderately closely punctured.

Finsch Haven (Rev. L. Wagner).

M. ciscrus Fvl. Wareo, from nest of ants (*Crematogaster* sp.).

M. curtus Kr. Mount Lamington.

M. giganteus Fvl. Mount Lamington.

Lithocharis vilis Kr. Finsch Haven, Mount Lamington.

Stilicus hieroglyphicus Fvl. Mount Lamington.

XANTHOLININI.

Leptacinus flavipennis Kr. Mount Lamington.

Pachycorynus dimidiatus Motsch. Mount Lamington.

Dinoxantholinus caeruleipennis sp. nov.

Shining; head, thorax, scutellum, and abdomen black; elytra bright blue, greenish at the base and humeral angles. Antennae blackish, the first two joints reddish-brown, the apex of the eleventh yellowish. Palpi reddish. Legs reddish-brown. Length, 23 mm.

Differs from *D. prodigiosus* Heller in the narrower build, shorter antennae, and differently coloured elytra. Male. Head transverse, subquadrate, broader than the thorax, the eyes about as long as the temples, the posterior angles rounded; between the eyes with four foveae placed transversely, the central pair larger than the lateral, and produced forwards as a small sulcus towards the antennal tubercle on each side; behind and internal to the eye with two large, adjacent punctures, along the base with a few others, the temples closely and rugosely punctured. In the female the head is smaller, the temples extremely finely and sparingly punctured. Mandibles long and slender, the right at some distance behind the apex with a sharp tooth, the left with a tooth with two sharp cusps; outer surface not sulcate. Antennae with the first joint elongate, second short, about half as long as the third, fourth scarcely, fifth to tenth strongly transverse, eleventh conical. Thorax longer than broad, widest at the obtuse anterior angles; with a large single puncture near these, the side margin with a few punctures. Scutellum impressed at apex, and with four or five punctures, finely transversely strigose. Elytra as long as and a little wider than the thorax, along the suture with a row of five or six large punctures, and a subhumeral row of six or seven others, externally at the reflexed margin with four or five small punctures, and on the reflexed margin itself with trace of another row; posterior margin closely striate. Abdomen closely punctured at the base of the segments, elsewhere more finely and much more sparingly, the sides and apex with some long yellow setae.

Mount Lamington (C. T. McNamara).

Dinoxantholinus lateralis sp. nov.

♀ Differs from the female of the preceding species as follows: The size is smaller (17 mm.), the elytra brilliant bluish-green, the base and humeral angles

golden-coppery, the reflexed margin of the elytra is closely and rugosely punctured, and of a brilliant coppery-red almost to the posterior angle; in other respects similar.

Fak Fak. A single specimen in my collection.

D. PRODIGIOSUS Heller. Finsch Haven.

THYREOCEPHALUS ALBERTSI Fvl. Mount Lamington, Wareo.

T. AUREUS Bernh., var. Mount Lamington.

T. GIGANTULUS Bernh. Mount Lamington.

T. TAPIIENSIS Boh. Mount Lamington, Wareo.

DIOCHUS INDICUS Kr. Mount Lamington.

STAPHYLININI.

HESPERUS VIVIDUS sp. nov.

Brilliant; head and thorax varying from green to golden-green, the elytra blue, on each near the suture with a broad, longitudinal, purple fascia, not reaching the apical margin, middle of the base sometimes purple; scutellum black; abdomen, mesosternum, and metasternum red, the last segment of the former blackish. Thorax with dorsal series of four punctures. Antennae with the first three joints red, the last two or three yellow, the rest black. Palpi and legs (including the coxae) reddish-testaceous. Length, 13-14 mm.

Var. Elytra bluish-green, the suture greenish-coppery.

Build of *Philonthus gestroi* Fvl., but differing in colour. Head suborbicular, as broad as the thorax, the eyes large and rather prominent, the postocular region about half as long; adjacent to the inner side of the eye in front with a single puncture, postero-internally to it with a group of five or six irregular punctures, and a few along the base; besides these larger punctures there are some fine scattered ones. Antennae reaching the base of the elytra, the third joint twice as long as the second, fourth to seventh longer than broad, gradually decreasing in length, eighth to tenth about as long as broad. Thorax with the sides nearly straight, slightly retracted behind; on each side of the middle with a row of four fine punctures, the second of the series further from the third than this is from the fourth, externally with a row of five larger punctures; besides these there are a few extremely fine scattered ones. Scutellum closely punctured. Elytra as long as but broader than the thorax, closely, moderately finely punctured, with fine grey pubescence. Abdomen narrowed behind, finely and very sparingly punctured, somewhat less sparingly behind; pubescence sparing and with a few semi-erect setae.

♂ Anterior tarsi dilated; sixth ventral segment with a semi-elliptical excision.

Mount Lamington (C. T. McNameara).

HESPERUS EXCELSUS sp. nov.

Shining; head, thorax, scutellum, and abdomen very black, elytra green, with broad, indeterminate, transverse blue fascia; antennae black, the last three joints pale yellow; palpi pitehy. Legs pale yellow, the coxae and apices of the femora and tibiae black, tarsi black. Thorax with dorsal series of four punctures. Length, 9.3 mm.

In build somewhat resembling *Philonthus rufithorax* Fvl. Head orbicular, as broad as the thorax, the postocular region a little longer than the eye, the front sulcate; adjacent to each eye with a single intraocular puncture, postero-internal to the eye with a group of three punctures, along the base with a row of six or seven others. Antennae reaching the base of the elytra, the third joint a little longer than the second, fourth to sixth a little longer than broad, gradually decreasing in length, seventh to tenth slightly transverse. Thorax with the sides straight, very slightly retracted behind, with dorsal row of four punctures, the second of the series further from the third than the latter from the fourth, externally near the anterior angles with three others. Scutellum closely punctured. Elytra as long as but broader than the thorax; moderately finely and rather sparingly punctured; with sparing, rather long pubescence, and erect black setae. Abdomen narrowed behind, the first three segments with basal and apical row of fine punctures, elsewhere very sparingly punctured, the last three segments sparingly and irregularly punctured, and with some erect, black setae. Anterior tarsi dilated in both sexes.

♂ Sixth ventral segment with small areolate excision.

Mount Lamington (C. T. McNamara).

PHILONTHUS BICOLORATUS sp. nov.

Shining; head black, with greenish reflex in certain lights; thorax bright red, with similar reflex, dorsal row of five punctures; elytra black, the suture and posterior margin very narrowly reddish; abdomen entirely red, slightly iridescent. Antennae with the first two joints and base of the third red, the ninth reddish, the tenth and eleventh pale yellow. The rest black. Legs reddish-yellow. Length, 7.5 mm.

In build very similar to *P. productus* Kr., but differently coloured, the thoracic punctures smaller, the abdomen more finely and more sparingly punctured. Head quadrate, as broad as the thorax, the posterior angles rounded; the eye about as long as the temple; the middle of the front foveate; the median intraocular punctures more distant from each other than from the lateral, between the posterior margin of the eye and the neck with two punctures placed obliquely, two others close to the posterior margin of the eye, and a third a little

behind them; ground sculpture fine, transverse. Antennae reaching a little beyond the base of the elytra, the third joint longer than the second, fourth to seventh a little longer than broad, gradually decreasing in length, eighth to tenth slightly transverse. Thorax as long as broad, widest in front at the briefly rounded anterior angles, the sides almost straight and slightly retracted to the broadly rounded posterior angles, setiferous, dorsal punctures moderate, externally with three others in a curved row, ground sculpture as on the head. Scutellum rather coarsely punctured. Elytra as long as the thorax, the sides with several long black setae, moderately coarsely and moderately closely punctured. Abdomen rather finely, moderately closely punctured, pubescence rather coarse, not very close, the sides setiferous.

♂ Head larger, anterior tarsi moderately dilated; sixth ventral segment triangularly impressed behind in the middle, the base of the impression rather deeply triangularly emarginate.

Finsch Haven (Rev. L. Wagner).

PHILONTHUS PAPUANUS sp. nov.

Black, head and thorax shining, elytra and abdomen duller, densely and finely punctured. Thorax with dorsal row of five punctures. Antennae black, the first and eleventh joints yellow. Legs yellow, anterior coxae pitchy. Length, 5.75-6.00 mm.

Very similar to *P. flavipes* Kr., in build, colour, and antennal structure, but with smaller head, scarcely metallic, much more finely and densely punctured elytra and abdomen. Head in both sexes suborbicular, narrower than the thorax, the eyes larger than in *flavipes*, not prominent, longer than the post-ocular region; median intraocular punctures widely separated; antennae reaching the base of the elytra, the penultimate joints about as long as broad. Thorax with straight sides, slightly retracted in front. Scutellum densely punctured. Elytra as long as the thorax, very finely and very closely punctured and pubescent. Abdomen very finely and densely punctured and pubescent throughout.

♂ Anterior tarsi dilated, sixth ventral segment with acute triangular excision.

Mout Lamington (C. T. McNamara).

PHILONTHUS MCNAMARAE sp. nov.

Entirely black, elytra and abdomen less shining; thorax with dorsal row of six punctures. Antennae yellowish-red, the fourth to seventh or ninth joints blackish; legs yellow, femora pitchy. Length, 7 mm.

Near *P. rectangulus* Sharp, but differing in the shorter, differently coloured antennae, more suborbicular head, which is as broad as the thorax in the male,

slightly narrower in the female, smaller eyes, shorter thorax, the sides slightly emarginate behind the anterior angles, more finely punctured elytra and abdomen. The antennae are short, scarcely reaching the base of the thorax, the fourth joint square, the fifth to tenth distinctly transverse; ground sculpture on the head and thorax well marked, but without sericeous reflex. From *P. ventralis* Gr. it is distinguished by the more robust build, larger head, shorter, differently coloured antennae, and shorter, broader thorax. The anterior tarsi are strongly dilated in both sexes.

♂ Sixth ventral segment acutely triangularly impressed, the base of the impression slightly, arcuately emarginate.

Mount Lamington (C. T. McNamara); Finsch Haven (Rev. L. Wagner).

- P. BECCARI* Fvl. Finsch Haven.
P. HUMERALIS Fvl. Mount Lamington, Wareo.
P. MINUTUS Boh. Mount Lamington, Wareo.
P. OREOPHILUS, Fvl. Mount Lamington.
P. PILIPENNIS MacL. Mount Lamington.
P. RALUMENSIS Bernh. Finsch Haven.
P. RUFITHORAX Fvl. Wareo.
P. SERICEICOLLIS Fvl. Mount Lamington, Wareo.
P. THEMARUM Aube. Mount Lamington.
BELONUCHUS FUSCIPES Fvl. Mount Lamington.
B. LIVIDIPES Fvl. Wareo.
LEUCPTES ARGYREUS Fvl. Madang, Wareo.
L. BECCARI Fvl. Finsch Haven.
MYSOLIUS AURICHALCEUS Fvl. Wareo.
ACTINUS IMPERIALIS Fvl. Madang, Mount Lamington, Wareo.

QUEDIINI.

- QUEDIUS CYANEORUFUS* Fvl. Mount Lamington.
Q. SLENDIDUS Fvl. Finsch Haven.

TACHYPORINI.

- TACHINOMORPHUS ALUTACEUS* Fvl. Finsch Haven, Mount Lamington.
T. CYANIPENNIS Bernh. Mount Lamington, Wareo.

COPROFORUS PAPUANUS sp. nov.

Convex, narrowed behind, black, shining, the sides and base of the thorax, the sides and apical margin of the elytra narrowly and indeterminate reddish; abdomen with the posterior margins of the segments rufescent. Antennae with

the first five or six joints pale yellow, the rest infusate. Legs yellow. Length, 2 mm.

Build of *C. dimidiatus* Fvl., but narrower and a little smaller, differently coloured, the colour and structure of the antennae and the sculpture scarcely differing. Head extremely finely punctured and without ground sculpture. Antennae with the third joint elongate, as long as the second, fourth to sixth distinctly longer than broad, gradually decreasing in length, seventh about as long as broad, eighth to tenth transverse. Thorax extremely finely and obsoletely, scarcely perceptibly but rather closely punctured, without ground sculpture; elytra a little longer than the thorax, extremely finely but more distinctly punctured than the thorax, with, in certain lights, a fine transverse striation. Abdomen extremely finely and moderately closely punctured, without ground sculpture.

Mount Lamington (C. T. McNamara).

- C. ALUTACEUS Fvl. Mount Lamington.
- C. ASPER Fvl. Mount Lamington.
- C. BASICORNIS Fvl. Mount Lamington.
- C. CURTICORNIS Fvl. Mount Lamington.
- C. DIMIDIATUS Fvl. Mount Lamington.
- C. MELANARIUS Er. Mount Lamington.
- C. PAPUANUS Fvl. Mount Lamington.